



09-22-06

AF/IFW #

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|                                                                                         |                        |                             |
|-----------------------------------------------------------------------------------------|------------------------|-----------------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/666,168                  |
|                                                                                         | Filing Date            | September 19, 2003          |
|                                                                                         | First Named Inventor   | Phillip Martin Gibbs et al. |
|                                                                                         | Art Unit               | 3738                        |
|                                                                                         | Examiner Name          | Bruce E. Snow               |
| Total Number of Pages in This Submission                                                | Attorney Docket Number | 5490-000301                 |

| ENCLOSURES (check all that apply)                                            |                                                                                                                                                                                                           |                                                                                                                                       |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)                                                                                                                                                                       | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)                                                      |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                                                                                                                                                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                                                   |
| <input checked="" type="checkbox"/> Final Amendment                          | <input type="checkbox"/> Petition                                                                                                                                                                         | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)                                               |
| <input type="checkbox"/> After Final                                         | <input type="checkbox"/> Petition to Convert to a Provisional Application                                                                                                                                 | <input type="checkbox"/> Proprietary Information                                                                                      |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address                                                                                                                   | <input type="checkbox"/> Status Letter                                                                                                |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer                                                                                                                                                              | <input checked="" type="checkbox"/> Other Enclosure(s)<br>(please identify below):                                                    |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund                                                                                                                                                               | <b>1449 Form (1 sheet); 3 Foreign Patent Documents; 1 Attachment (English Translation of DE 9312150); and Return Receipt Postcard</b> |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s) _____                                                                                                                                                        |                                                                                                                                       |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | Remarks<br>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. |                                                                                                                                       |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |                                                                                                                                                                                                           |                                                                                                                                       |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |                                                                                                                                                                                                           |                                                                                                                                       |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>                            |                                                                                                                                                                                                           |                                                                                                                                       |
| Firm or Individual name                                                      | Harness, Dickey & Pierce, P.L.C.                                                                                                                                                                          | Attorney Name<br>Richard W. Warner Michael L. Taylor                                                                                  |
| Reg. No.                                                                     | 38,043                                                                                                                                                                                                    | 50,521                                                                                                                                |
| Signature                                                                    |                                                                                                                                                                                                           |                                                                                                                                       |
| Date                                                                         | September 21, 2006                                                                                                                                                                                        |                                                                                                                                       |

| CERTIFICATE OF TRANSMISSION/MAILING                                                                                                                                                                                                                                                                           |                   |                        |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|-----------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                   |                        |                             |
| Typed or printed name                                                                                                                                                                                                                                                                                         | Richard W. Warner | Express Mail Label No. | EL 623312113 US (9/21/2006) |
| Signature                                                                                                                                                                                                                                                                                                     |                   | Date                   | September 21, 2006          |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2006

Effective 2/8/2006. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

## Complete if Known

Application Number 10/666,168  
Filing Date September 19, 2003  
First Named Inventor Phillip Martin Gibbs et al.  
Examiner Name Bruce E. Snow  
Art Unit 3738  
Attorney Docket No. 5490-000301

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☐ Deposit Account:

Deposit  
Account  
Number 08-0750

Deposit  
Account  
Name Harness, Dickey & Pierce, PLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1011         | 300      | 2011         | 150      | Utility filing fee     |          |
| 1012         | 200      | 2012         | 100      | Design filing fee      |          |
| 1013         | 200      | 2013         | 100      | Plant filing fee       |          |
| 1014         | 300      | 2014         | 150      | Reissue filing fee     |          |
| 1005         | 200      | 2005         | 100      | Provisional filing fee |          |

SUBTOTAL (1) (\$) 0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    |        | Extra Claims |   | Fee from below | Fee Paid |
|--------------------|--------|--------------|---|----------------|----------|
| Total Claims       | -20 ** | = 0          | X |                | = 0      |
| Independent Claims | -3 **  | = 0          | X |                | = 0      |
| Multiple Dependent |        |              |   |                | = 0      |

| Large Entity |          | Small Entity |          | Fee Description                                            |
|--------------|----------|--------------|----------|------------------------------------------------------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                                                            |
| 1202         | 50       | 2202         | 25       | Claims in excess of 20                                     |
| 1201         | 200      | 2201         | 100      | Independent claims in excess of 3                          |
| 1203         | 360      | 2203         | 180      | Multiple dependent claim, if not paid                      |
| 1204         | 200      | 2204         | 100      | ** Reissue independent claims over original patent         |
| 1205         | 50       | 2205         | 25       | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description                                                            | Fee Paid |
|--------------|----------|--------------|----------|----------------------------------------------------------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                                                                            |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath                                        |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053         | 130      | Non-English specification                                                  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 120      | 2251         | 60       | Extension for reply within first month                                     |          |
| 1252         | 450      | 2252         | 225      | Extension for reply within second month                                    |          |
| 1253         | 1020     | 2253         | 510      | Extension for reply within third month                                     |          |
| 1254         | 1,590    | 2254         | 795      | Extension for reply within fourth month                                    |          |
| 1255         | 2,160    | 2255         | 1080     | Extension for reply within fifth month                                     |          |
| 1401         | 500      | 2401         | 250      | Notice of Appeal                                                           |          |
| 1402         | 500      | 2402         | 250      | Filing a brief in support of an appeal                                     |          |
| 1403         | 1000     | 2403         | 500      | Request for oral hearing                                                   |          |
| 1452         | 500      | 2452         | 250      | Petition to revive - unavoidable                                           |          |
| 1453         | 1500     | 2453         | 750      | Petition to revive - unintentional                                         |          |
| 1462         | 400      | 1462         | 400      | Petition fee under 37 CFR 1.17(f)                                          |          |
| 1463         | 200      | 1463         | 200      | Petition fee under 37 CFR 1.17(g)                                          |          |
| 1464         | 130      | 1464         | 130      | Petition fee under 37 CFR 1.17(h)                                          |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  | 180      |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 790      | 2809         | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 790      | 2801         | 395      | Request for Continued Examination (RCE)                                    |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)180

### 4. SEARCH/EXAMINATION FEES

|      |     |      |     |                         |  |
|------|-----|------|-----|-------------------------|--|
| 1111 | 500 | 2111 | 250 | Utility Search Fee      |  |
| 1112 | 100 | 2112 | 50  | Design Search Fee       |  |
| 1113 | 300 | 2113 | 150 | Plant Search Fee        |  |
| 1114 | 500 | 2114 | 250 | Reissue Search Fee      |  |
| 1311 | 200 | 2311 | 100 | Utility Examination Fee |  |
| 1312 | 130 | 2312 | 65  | Design Examination Fee  |  |
| 1313 | 160 | 2313 | 80  | Plant Examination Fee   |  |
| 1314 | 600 | 2314 | 300 | Reissue Examination Fee |  |

SUBTOTAL (4) (\$)0

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Richard W. Warner Registration No. (Attorney/Agent) 38,043 Telephone 248-641-1600  
Signature [Signature] Date September 21, 2006

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